

ABSTRACT OF THE DISCLOSURE

A window sash frame is provided with a glazing pane installation opening accessible from a first side thereof and a glazing pane support surface on a second side thereof. A first glazing pane is inserted into the installation opening and an outside surface perimeter of the pane is placed adjacent to the support surface. A second glazing pane is then inserted into the opening. An inside surface perimeter of the second pane is mounted (e.g., via an adhesive bead, strip, tape or foam) to an inside surface perimeter of the first glazing pane. The adhesive thickness is such that the panes are separated by a space, which can contain air or an inert insulating gas. A glazing bead is installed along at least a portion of the glazing pane installation opening after the glazing panes have been inserted. A spacer can alternatively or additionally be provided between the glazing panes.